



Translation of the requisite parts of a specification
1958433 (Nordisk Ventilator Co. A/S).

Ventilator or fan impeller having blades of sheet material

The invention relates to a ventilator or fan impeller which has blades of sheet material and whose hub is connected to a spherical hub barrel, which is pressed from sheet material, and whose blades each have, at the root of the blade, a boundary which follows approximately a spherical curve and which are provided with a flange along the boundary, and whose blades are attached to the hub barrel by means of their flanges which are welded, for example, spot-welded, to the hub barrel at any blade angle.

Patent Claims

1. Ventilator or fan impeller which has blades of sheet material and whose hub is connected to a spherical hub barrel, which is pressed from sheet material, and whose blades each have, at the root of the blade, a boundary which follows approximately a spherical curve, and which are provided with a flange along the boundary, and whose blades are attached to the hub barrel by means of their flanges which are welded, for example, spot-welded, to the hub barrel at any blade angle, characterised in that the hub barrel (2) is in the form of a hemisphere and in that the boundary of the blades (4) at the root (5) of the blade starts from the great circle which delimits the hemisphere.